



Interak 1

TYPE CKB95P
94-KEY, CASED
ASCII KEYBOARD

DATE

14 MAY 1985

KEYBOARD

CKB 94P - BDS

8810



Standard Features

- Mechanical keymodules with gold crosspoint contacts (Keymodule MX)
- Superlow-profile - 30mm from enclosure base to centre point at home row keycap top (3rd row)
- Dataoutput parallel or serial RS 232 C
- Full ASCII output code
- 4 mode operation
- Electronic latching, Alpha Lock
- n-key-rollover
- Automatic repeat after delay
- Single +5V power supply
- Standard keycap colours: beige (code L6), ochre (code M6)

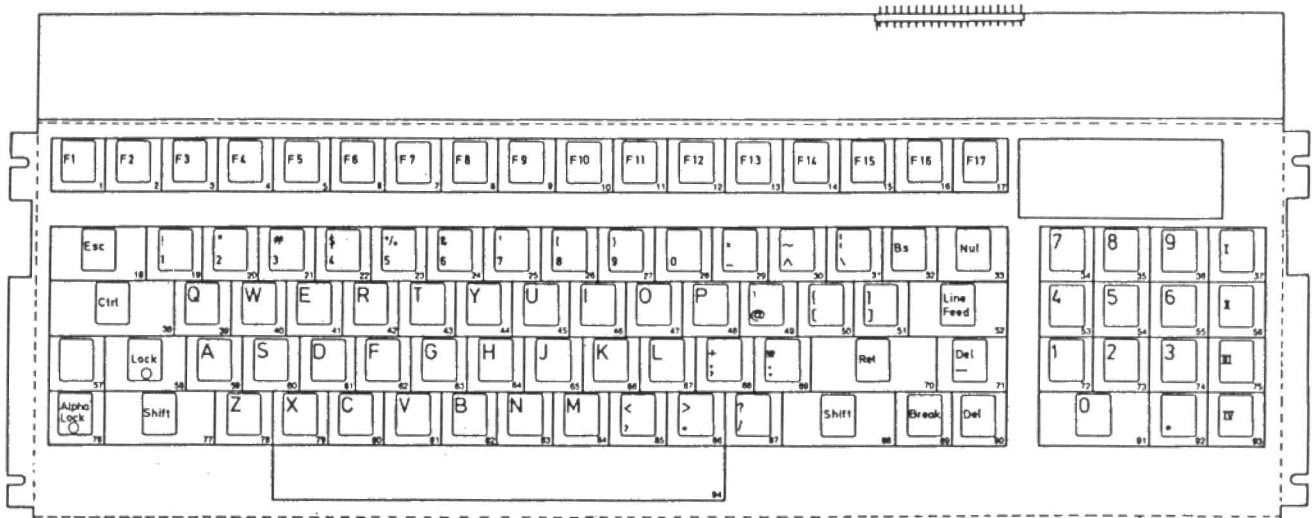
Electrical Data

- Power supply: +5V/max 200mA ($\pm 12V$ required for serial versions)
- Parallel: 8 bit, positive logic, TTL-compatible (FAN OUT 10 LS-TTL), last key depressed is remembered

TOP QUALITY "PROFESSIONAL" KEYBOARD ORDER CODE CKB94P £129.00 + VAT

(When purchased from Greenbank Electronics an integral cable will be supplied, terminated in a suitable 20-way connector to suit that required for the Interak LKP.1 keyboard interface card.)

International layout



Codes

Codes (Hex)					Codes (Hex)					Codes (Hex)					Codes (Hex)				
Key No.	Unshift	Alpha	Shift	Control	Key No.	Unshift	Alpha	Shift	Control	Key No.	Unshift	Alpha	Shift	Control	Key No.	Unshift	Alpha	Shift	Control
1	80	80	80	80	25	37	37	27	37	49	40	40	60	00	73	32	32	32	32
2	81	81	81	81	26	38	38	28	38	50	5B	5B	7B	1B	74	33	33	33	33
3	82	82	82	82	27	39	39	29	39	51	5D	5D	7D	1D	75	09	09	09	09
4	83	83	83	83	28	30	30	30	30	52	0A	0A	0A	0A	76	Alpha Lock			
5	84	84	84	84	29	2D	2D	3D	2D	53	34	34	34	34	77	Shift left			
6	85	85	85	85	30	5E	5E	7E	1E	54	35	35	35	35	78	7A	5A	5A	1A
7	86	86	86	86	31	5C	5C	7C	1C	55	36	36	36	36	79	78	58	58	18
8	87	87	87	87	32	08	08	08	08	56	08	08	08	08	80	63	43	43	03
9	88	88	88	88	33	00	00	00	00	57	90	90	90	90	81	76	56	56	16
10	89	89	89	89	34	37	37	37	37	58	Shift Lock				82	62	42	42	02
11	8A	8A	8A	8A	35	38	38	38	38	59	61	41	41	01	83	6E	4E	4E	0E
12	8B	8B	8B	8B	36	39	39	39	39	60	73	53	53	13	84	6D	4D	4D	0D
13	8C	8C	8C	8C	37	0B	0B	0B	0B	61	64	44	44	04	85	2C	2C	3C	2C
14	8D	8D	8D	8D	38	Control				62	66	46	46	06	86	2E	2E	3E	2E
15	8E	8E	8E	8E	39	71	51	51	11	63	67	47	47	07	87	2F	2F	3F	2F
16	8F	8F	8F	8F	40	77	57	57	17	64	68	48	48	08	88	Shift right			
17	A6	A6	A6	A6	41	65	45	45	05	65	6A	4A	4A	0A	89	FF	FF	FF	FF
18	1B	1B	1B	1B	42	72	52	52	12	66	6B	4B	4B	0B	90	7F	7F	7F	7F
19	31	31	31	31	43	74	54	54	14	67	6C	4C	4C	0C	91	30	30	30	30
20	32	32	32	32	44	79	59	59	19	68	3B	3B	2A	3B	92	2E	2E	2E	2E
21	33	33	33	33	45	75	55	55	15	69	3A	3A	2A	3A	93	0A	0A	0A	0A
22	34	34	34	34	46	69	49	49	09	70	0D	0D	0D	0D	94	20	20	20	20
23	35	35	35	35	47	6F	4F	4F	0F	71	5F	7F	7F	1F					
24	36	36	36	36	48	70	50	50	10	72	31	31	31	31					

Electrical data

Power supply: +5V/max. 200mA

Codes: ASCII-code in 4 modes (unshift, shift, control, alpha lock)

Data output parallel: 8 bit, positive logic, TTL-compatible (FAN OUT 10 LS-TTL), last key depressed is remembered

Strobe, Strobe: positive logic, pulse width approx. 16µs, TTL-compatible (FAN OUT 10 LS-TTL)

Enable-Input: These inputs allow the strobe and data to be disabled/enabled.

H-signal (or open) = ENABLE, L-signal = DISABLE

Input load: Enable I = 8 LS-TTL

Enable II = 2 LS-TTL

Shift Lock function: Depressing this key provides the Shift Lock function. Indicated by LED. This mode is maintained until a further depression of the key.

Alpha Lock function: Alpha Lock raises the Alpha keys to Shift level. Indicated by LED. Reset by second depression.

Priority of modes: Control key has priority over Shift- and Alpha Lock.

Automatic repeat function: 10 characters per second after 1 second delay

Keyboard operating sequence: n-key-rollover

Temperatures: Storage temperature: -40°C to +70°C
Operating temperature: 0°C to +65°C

Mechanical data

Total travel	4 - 0.4mm	Movement differential	—
Pretravel	2 ± 0.6mm	Actuating force	60 ± 20cN
		Lifetime	2 x 10 ⁷ operations